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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

COLBERT, ELLA

ART UNIT	PAPER NUMBER
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3624

DATE MAILED: 06/05/2002

14

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/204,388

Applicant(s)

JECHA ET AL.

Examiner

Ella Colbert

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 March 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 62-105 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 62-105 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 62-105 are presented for examination in this communication filed 03/12/02 entered as Terminal Disclaimer, paper no. 13.

Claim Objections

2. Claim 1 is objected to because of the following informalities: On page 2, line 8, recites "... one server computer systems." This claim limitation would be better recited as "... one server computer system." Claim 101, page 8, line 6 recites "... and use by a client computer to create an electronic document." This claim limitation would be better recited as "... and used by a client computer to create an electronic document."

Appropriate correction is required.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 62-105 are rejected under 35 U.S.C. 103(a) as being unpatentable over Grasso et al (US 5,892,909), hereafter Grasso.

With respect to claim 62, Grasso teaches, storing on a server computer system a computerized prepress software system (col. 13, lines 1-26 and col. 15, lines 55-67), the prepress software system includes a downloadable document authoring program and at least one prepress translation component (col. 16, lines 53-67 and col. 17, lines 1-25), further the downloadable authoring program includes one or more authoring tools

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used to author an electronic document and the translation component is used to produce a prepress format file from an authored electronic document (col. 20, lines 47-67 and col. 21, lines 1-15); wherein the downloaded program executes in a web browser and displays the electronic document in WYSIWYG form to the user and at least one of the authoring tools has one or more functions that allows a user to select and edit at least one element of the electronic document while at least a portion of the electronic document is simultaneously displayed (col. 20, lines 26-66 and col. 24, lines 36-46); the software system further configured to provide at least one of the authoring tools is adapted to edit an element of the electronic document using the client computer and that the electronic document is saved on the server computer system in a form allowing the translation component executing on the server computer system to create the prepress format file so that when the prepress format file is used to produce a document the document is consistent with the WYSIWYG form displayed to the user on the client computer and so that the user need only be concerned with authoring the electronic document and not with the creating a prepress format file, and further so that the authored electronic document can be processed by the server computer system into a prepress format file (col. 22, lines 46-63, col. 24, lines 1-16, col. 26, lines 10-26, and col. 29, lines 17-45); wherein the client computer is one of a plurality of client computers each including a web browser capable of interacting with at least one Internet web site addressed by a uniform resource locator (URL) and the server computer system includes at least one server computer systems connected to the plurality of client computers over the Internet (col. 7, lines 48-54, col. 12, lines 3-19, col. 14, lines 52-56,

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col. 16, lines 39-44, col. 18, lines 13-19, and fig. 6C); sending log-on information regarding a user from a client computer to a server computer system over the Internet (col. 25, lines 14-24 and figure 13A (1301)), authenticating the user at the server computer system (col. 15, lines 49-67, col. 18, lines 66-67 and col. 19, lines 27-30), downloading the authoring program from a server computer system to the client computer (col. 2, lines 38-50), the user using the authoring tool of the downloaded program at the client computer to edit an element of an electronic document (col. 25, lines 25-44 and col. 26, lines 2-27), and using the translation component, translating the electronic document from the internal format to a different suitable prepress format file usable to produce a corresponding document on a printing device (col. 15, lines 49-67 and col. 17, lines 55-59). Grasso did not teach, saving the electronic document in an internal format at the server computer system but it would be obvious to one having ordinary skill in the art at the time the invention was made to save an electronic document in an internal format at the server computer system and to incorporate in Grasso's system saving the document in an internal format at the server computer because such a modification in Grasso would make it is easier for the user to save the document and send the document to the printer when it is translated from a programming instruction format to a printer ready format.

With respect to claim 63, the client computer and server computer system are coupled through the Internet (col. 3, lines 31-52).

With respect to claim 64, the client computer and server computer system are coupled through an Intranet (col. 7, lines 32-40).

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With respect to claim 65, Grasso did not teach, the client computer and the server computer system are coupled through an Extranet, but it would be obvious to one having ordinary skill in the art of Extranets at the time the invention was made to have a the Extranet coupled to the client and server computer and to modify in Grasso's system to have the client computer and the server computer system to be coupled through the Extranet because such a modification would allow the Extranet when it communicates properly with the Intranet to allow customers and suppliers to gain limited access to an organization's Intranet which enhances the speed and efficiency of their business relationship.

With respect to claim 66, Grasso did not explicitly teach, associating the user with a particular directory on the server computer system, a set of defaults such as fonts, colors, images, and commands, or an authorization level from the group of authorization levels comprising normal and demonstration, but it would be obvious to one having ordinary skill in the art at the time the invention was made to have a an authorization level comprised of normal and demonstration and to incorporate in Grasso's system to associate the user with a particular directory on the server computer, a set of defaults such as fonts, colors, images, and commands, or an authorization level from the group of authorization levels comprising normal and demonstration because such a modification would make it is necessary in a computer system to have authorization levels for users giving them certain rights such as creating, saving, and printing a document and the demonstration user is only allowed to create documents but does not have any other user rights and the administrator sees that the

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proper user rights are enforced in order to keep the system running efficiently. Grasso teaches the authorization level of "administrator" (col. 18, lines 66-67 and col. 19, lines 1-40).

With respect to claims 67 and 90, the authoring program ... is coded in a language selected Java and Active X (col. 12, lines 3-19). Grasso did not explicitly teach the client computer being coded in Perl, C++, or C, but it would be obvious to a person of ordinary skill in the art of programming languages at the time the invention was made to have an authoring program coded in Perl, C++, and C and to incorporate a client computer being coded in Perl, C++, or C because such a modification would allow Grasso's system to have a more powerful programming language since Perl has powerful string-handling features for extracting information from text files and this feature makes Perl an excellent report language when coupled with C++, C, and other Unix utilities.

With respect to claims 68 and 91, Grasso did not explicitly teach, the document being selected from a group comprising a business card, a letterhead, an envelope, and a brochure, but it would be obvious to one having ordinary skill in the art of documents at the time the invention was made to have a business card, a letterhead, an envelope, and a brochure and to incorporate in Grasso because such a modification in the business world with the combination of business cards, letterhead, envelopes and brochures would allow Grasso to advertise the names of organizations and individuals who enhance customer and supplier relations.

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With respect to claims 69 and 92, Grasso did not explicitly teach, the authoring program comprises a color palette area ..., but it would been obvious to one having ordinary skill in the art of color palettes at the time the invention was made to have a color palette for selecting colors to incorporate in Grasso because such a modification would allow the creation of business cards, letterhead, envelopes, and brochures using different colors enhancing the appearance of the paper and making it more pleasing to the customer or supplier when marketing goods and services.

With respect to claim 70, Grasso did not explicitly teach, the palette of colors comprises Pantone, Toyo, Focaltone, and Tru-match, but it would been obvious to one having ordinary skill in the art of color palettes at the time the invention was made to have a color palette with Pantone, Toyo, Focaltone, and Tru-match because these colors are well known in the art to one having ordinary skill in the art at the time the invention was made according to the Applicant's Specification page 11 and Pantone, Toyo, Focaltone, and Tru-match are the color attributes used in bar and pie charts and documents for highlighting part of the document.

With respect to claim 71, Grasso did not explicitly teach, using the authoring program at the client computer to create a document, sending the text from the client computer to the server computer ..., but it would been obvious to one having ordinary skill in the art of document creation at the time the invention was made to send text from a client computer to a server computer for translation into an image and to incorporate in Grasso because such a modification would allow the user to create the document and

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send it to the server and have the program code translated into an image which the user can receive back again as an image.

With respect to claim 72, Grasso did not explicitly teach, the image being in a format selected from a group comprising GIF, TIFF, and JPEG. Grasso taught GIF in column 17, lines 2-9, but Grasso did not teach TIFF or JPEG. It would have obvious to one having ordinary skill in the art of images at the time the invention was made to select a format in TIFF and JPEG and to incorporate in Grasso because such a modification would enhance Grasso's system to have a TIFF format which is considered to be a standard file format used with the storage of graphic images and may be the only format available for using older programs (such as older versions of MacPaint) and JPEG is the standard for storing compressed images and would allow Grasso's system to use less storage space.

With respect to claim 73, Grasso did not explicitly teach, the image has a maximum resolution of 4:1, but it would have been obvious to one having ordinary skill in the art of images at the time the invention was made to have an image with a maximum resolution of 4:1 because it is well known in the art to one having ordinary skill in the art at the time the invention was made according to Applicant's Specification on page 12 to have a ratio of a maximum image resolution of 4:1 and to translate this resolution into a desirable GIF image file format.

With respect to claim 74, Grasso did explicitly not teach, one of the image formats is selected from a group comprising encapsulated PostScript, TIFF, GIF, and JPEG. Grasso taught encapsulated PostScript (Appendix A (69), lines 9-13) and GIF

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(column 17, lines 2-9). It would have obvious to one having ordinary skill in the art of images at the time the invention was made to select a format in encapsulated PostScript, TIFF, GIF, and JPEG and to incorporate in Grasso because such a modification would allow Grasso to use encapsulated PostScript as a page-description language, TIFF format as a standard file format for the storage of graphic images and which may be the only format available for using with older programs (such as older versions of MacPaint), and using GIF as a file extension to identify bit map images, and JPEG as a standard for storing compressed images and using less storage space in the computer system.

With respect to claim 75, Grasso did not explicitly teach, one of the images has a maximum resolution of 1:1, but it would have obvious to one having ordinary skill in the art of images at the time the invention was made to have a maximum resolution because it is well known in the art according to Applicant's Specification on page 10 to have a ratio of a maximum image resolution of 1:1 and to translate the image resolution into a desirable image file format.

With respect to claims 76 and 93, a different format is selected from a group comprising PostScript, HTML, PDF, and PostScript Extreme. Grasso taught the different format being in PostScript (col. 21, lines 4-13) and HTML (col. 24, lines 47-55). Grasso did not explicitly teach the format being in "PDF" or "PostScript Extreme," but it would have been obvious to one having ordinary skill in the art of formats at the time the invention was made to have formats in PostScript, HTML, PDF, and PostScript Extreme and to incorporate in Grasso because such a modification would allow Grasso to use

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PDF as a file extension which is used to identify documents that are encoded in portable document format which uses the freeware Adobe Acrobat Reader to be able to display or print a file with the .pdf extension and PostScript Extreme is Adobe's latest page description language and in this combination makes it possible for a user to create, store, save and access a variety of documents with images.

With respect to claim 77, Grasso teaches, distributing the prepress format file to a location remote from the server computer system for printing at the remote location (col. 21, lines 4-14).

With respect to claim 78, Grasso did not explicitly teach, the electronic mail is MIME-compliant, but it would have been obvious to one having ordinary skill in the art at the time the invention was made and in view of Grasso's teaching of electronic mail using the Internet and Intranet (as taught in the background section, columns 2-4) for the electronic mail to be MIME compliant because both web browsers and HTTP servers use MIME to interpret e-mail files they send and receive over the Internet or Intranet.

With respect to claim 79, this independent claim is rejected for the similar rationale given for claim 62.

With respect to claim 80, Grasso teaches, the server, clients and the printer are coupled to one another through the Internet (col. 9, lines 38-42 and col. 17, lines 11-22).

With respect to claim 81, Grasso teaches, the server, the client and the printer are coupled through an Intranet (col. 7, lines 1-30 and col. 6, lines 49-54).

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With respect to claim 82, Grasso did not explicitly teach, the server, the client and the printer are coupled through an Extranet, but it would have been obvious to one having ordinary skill in the art of Extranets at the time the invention was made to have a client, a server, and a printer and to incorporate in Grasso because such a modification would give Grasso's system the ability for the Extranet when it communicates properly with the Intranet to allow customers and suppliers to gain limited access to an organization's Intranet which enhances the speed and efficiency of their business relationship.

With respect to claim 83, Grasso teaches, the server comprises an Internet world-wide-web server (col. 2, lines 54-64).

With respect to claim 84, Grasso did not explicitly teach, the server comprises an Intranet world-wide-web server, but it would have been obvious to one having ordinary skill in the art at the time the invention was made and in view of Grasso's teaching of the Internet and Intranet (as taught in the background section, column 3, lines 2-9) because the Intranet uses Internet protocols, tools, and applications within a corporate environment. Intranet applications as they evolve, become information-centric solutions to corporate business problems with business applications web servers.

With respect to claim 85, Grasso did not explicitly teach, the server comprises an Extranet World-Wide-Web server, but it would have been obvious to one having ordinary skill in the art of Extranets at the time the invention was made to have a world-wide-web server and to incorporate in Grasso because such a modification would allow the Extranet when it communicates properly with the Intranet to allow customers and

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suppliers to gain limited access to an organization's Intranet which enhances the speed and efficiency of their business relationship.

With respect to claim 86, the authoring program runs on the client in an Internet world-wide-web browser program (col. 3, lines 10-31).

With respect to claim 87, the browser program is selected from the group essentially comprising Netscape Navigator and Microsoft Internet Explorer (col. 27, lines 22-34 and col. 24, lines 36-46).

With respect to claim 88, the authoring program runs on the client in an Intranet world-wide-web browser program (col. 3, lines 10-31).

With respect to claim 89, Grasso did not teach, the authoring program runs on the client in an Extranet world-wide-web browser program, but it would have been to one having ordinary skill in the art of Extranets at the time the invention was made to have a world-wide-web browser and to incorporate in Grasso because such a modification would allow the client application to enable a user to view HTML documents on the Extranet when it communicates properly with the Intranet.

With respect to claim 94, Grasso teaches, the printer receives the document from the server via an electronic mail to which the document is included as an attachment (col. 17, lines 11-17 and col. 18, lines 2-12).

With respect to claim 95, a processor (col. 6, lines 30-31), a computer-readable medium (col. 6, lines 33-35), and a communications device (col. 6, lines 44-49). Grasso did not explicitly teach, an authoring program downloaded from a server through a communications device ... or an operating environment program, wherein the

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downloaded program executes in a web browser and displays the electronic document in WYSIWYG form to a user, but it would have been obvious to one having ordinary skill in the art at the time the invention was made to have operating environment programs wherein the downloaded program executes in a web browser and displays the electronic document in WYSIWYG form to a user and to incorporate in Grasso because such a modification would allow a user to create an Internet or Intranet document and to have the document downloaded and then to upload the document or send the document to the server for transfer of a copy of the document to the client for translation of the document into a format to be printed. WYSIWYG is well known in the art of document processing and editing and displaying the result of a printing on a display screen (such a process is called WYSIWYG (What You See Is What You Get)).

This independent claim is also rejected for the similar rationale given for claims 62 and 79.

With respect to claims 96 and 102, the computer-readable medium is selected from a group comprising memory and a nonvolatile storage medium (col. 6, line 30, lines 33-35 and line 60).

With respect to claims 97 and 103, the communications device is selected from a group comprising a modem and a network card (col. 6, lines 35-37).

With respect to claim 98, Grasso did not teach an operating environment program, but Grasso did teach an Internet World-Wide-Web browser in col. 7, lines 33-54.

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With respect to claim 99, Grasso did not teach an operating environment program, but Grasso did teach an Intranet World-Wide-Web browser in col. 2, lines 65-67 and col. 3, lines 1-9.

With respect to claim 100, Grasso did not teach an operating environment program comprising an extranet world-wide-web browser program, but it would have been obvious to one having ordinary skill in the art at the time the invention was made to have an operating environment program comprising an extranet world-wide-web browser program and to modify in Grasso because such a modification would allow Grasso to have an extension of a corporate internet using world wide web technology to facilitate communication with the corporation's suppliers and customers enhancing the speed and efficiency of their business relationship.

With respect to claim 101, Grasso teaches, a processor (col. 6, lines 30-31), a computer-readable medium (col. 6, lines 33-35), and a communications device (col. 6, lines 44-49). Grasso did not explicitly teach, an authoring program stored on the computer-readable medium for downloading through the communications device ..., but it would have been obvious to one having ordinary skill in the art of downloading programs and document creation at the time the invention was made to execute the downloaded program from a server and upload a created document to the server and to incorporate in Grasso because such a modification would allow a user to create an Internet or Intranet document and to have the document downloaded and then to upload the document or send the document to the server for transferal of a copy of the document to the client for translation of the document into a format to be printed.

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This independent claim is also rejected for the similar rationale given for claims 62, 79, and 95.

With respect to claim 104, a computer-readable medium (col. 6, lines 33-34 and lines 57-65) having a computer program stored for downloading to a client computer from a server computer system and for execution on the client computer within an operating environment program (col. 7, lines 1-27). Grasso did not teach, the program comprising means for creating a document which is uploaded to the server through a communications device for translation to a suitable prepress format and submission to a printer, but it would have been obvious to one having ordinary skill in the art at the time the invention was made to have a program comprising means for creating a document which is uploaded to the server through a communications device for translation to a suitable prepress format and submission to a printer and to modify in Grasso because such a modification would allow Grasso to have the capability for a user to print a document in a format that is recognized by the printer and the automated distribution fed to other servers running remotely.

With respect to claim 105, Grasso teaches, means downloadable to a client computer for creating a document (col. 29, lines 21-36) and means for translating the document to a suitable prepress format (col. 12, lines 56-67). Grasso did not teach sending the document to a printer through a communications device of the server computer system, but it would have been obvious to one having ordinary skill in the art of a printer receiving the document at the time the invention was made to have the translation in prepress format and to send the document through a communications

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device to the server because in order for a user to print a document it should be in a format that is recognized by the printer and the automated distribution feeds to other servers running remotely.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Takakura et al (US 5,752,053) disclosed a document processing apparatus with displaying the result of a printing on a display screen (such a process is called WYSIWYG (What You See Is What You Get)).

Silverbrook, Kia (EP 475601 A2) disclosed desk top publishing, JPEG, integer zoom ratios (1:1, 2:1, 3:1, 4:1, etc.), color printing, WYSIWYG, and Postscript.

Inquiries

6. Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Ella Colbert whose telephone number is 703-308-7064. The examiner can normally be reached on Monday-Thursday from 6:30 am -5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vincent Millin can be reached on 703-308-1038. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-305-7687 for Official communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113 or 703-308-1114.



E. Colbert

May 29, 2002

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